

PUBLIC SAFETY



Maintaining the City's ISO 2 rating helps lower insurance rates for municipal residents and businesses. The FY 2011-15 Capital Improvement Program proposes a fire station in the City's southeastern corner to serve the newly developing areas around ICAR, Verdae, and Woodruff Road.



EAST AREA FIRE STATION

Department:	<u>FIRE</u>	Ranking:	<u>N/A</u>
Project Status:	<u>REVISION</u>	Strategic Goal:	<u>SAFE CITY</u>
Start/Finish Dates:	<u>JULY 2008 JUN 2012</u>	Comp. Plan Principle:	<u>CREATE A SAFE ENVIRONMENT</u>

Project Description:

This new fire station will serve the furthestmost eastern areas of the City. Currently, the nearest fire station is 3.5 miles from Market Pointe Drive. One engine company quartered at this fire station will provide 24/7 initial emergency response within the primary response area. Twelve firefighters will be assigned to this fire station to provide fire suppression, medical first responder, operations level hazardous materials, technical rescue, and International Fire Code inspection services.

Project Justification (Including Relationship to Strategic Goals, Comprehensive Plan, etc.):

The ICAR, Verdae, and Woodruff Road corridors, areas that until recently have been undeveloped or outside the corporate limits, have emergency response times that are well outside of the national standard of 4:00 minutes 90% of the time. Response times to the furthestmost eastern areas of the City currently average 5:33 minutes with 82.8% of responses being equal to or greater than 5 minutes. By comparison (excluding the furthestmost eastside area), the average response time citywide is currently 2:48 minutes with 90.5% of responses equal to or less than 4:00 minutes.

Method for Estimating Cost:

Estimates provided by consultants based on most recent projects.

Project Status (As of January 1, 2010):

Attempting to acquire land. No funds have been expended.

Other Special Considerations (Future Expansion/Special Features/Etc.):

The fire station will be built and configured to accommodate future needs for additional apparatus and personnel in this high growth area.

PROJECT ITEMS	FUNDING TO-DATE	FY 10/11 COST	FY 11/12 COST	FY 12/13 COST	FY 13/14 COST	FY 14/15 COST	TOTAL PROJECT COST
Planning/Design	\$75,000	\$0	\$0	\$0	\$0	\$0	\$75,000
Site Acquisition Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Improvements	\$2,700,000	(\$2,700,000)	\$2,700,000	\$0	\$0	\$0	\$2,700,000
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Management	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL PROJECT COST	\$2,775,000	(\$2,700,000)	\$2,700,000	\$0	\$0	\$0	\$2,775,000
PROJECT FUNDING SOURCES (LIST)	FUNDING TO-DATE	FY 10/11 EST. FUNDS	FY 11/12 EST. FUNDS	FY 12/13 EST. FUNDS	FY 13/14 EST. FUNDS	FY 14/15 EST. FUNDS	TOTAL PROJECT FUNDING
Property Sales	\$75,000	\$0	\$0	\$0	\$0	\$0	\$75,000
General Obligation Bond - 2010	\$2,700,000	(\$2,700,000)	\$0	\$0	\$0	\$0	\$0
General Obligation Bond - 2012	\$0	\$0	\$2,700,000	\$0	\$0	\$0	\$2,700,000
TOTAL PROJECT FUNDING	\$2,775,000	(\$2,700,000)	\$2,700,000	\$0	\$0	\$0	\$2,775,000
OPERATIONAL COSTS							
Operating Impact		\$0	\$0	\$789,283	\$819,444	\$850,833	\$2,459,560
Cumulative Operating Impact		\$0	\$0	\$789,283	\$1,608,727	\$2,459,560	\$2,459,560
FTEs Added		0.00	0.00	12.00	0.00	0.00	12.00
Cumulative FTEs Added		0.00	0.00	12.00	12.00	12.00	12.00

FIRE ALARM REPLACEMENT

Department:	<u>FIRE</u>	Ranking:	<u>GROUP B - HIGH PRIORITY</u>
Project Status:	<u>CONTINUATION</u>	Strategic Goal:	<u>SAFE CITY</u>
Start/Finish Dates:	<u>JULY 2008</u>	<u>JUN 2013</u>	Comp. Plan Principle: <u>CREATE A SAFE ENVIRONMENT</u>

Project Description:

This project will replace the underground wiring associated with the City's Fire Alarm System.

The City of Greenville's municipal fire alarm system was installed in the mid-1940's. At that time, all wiring was installed overhead on utility poles. In the mid-1960's, utilities within the Central Business District began to be placed underground along with the City's fire alarm circuits. Over time, the fire alarm system has expanded in concert with the renovations and new construction that have accompanied the revitalization of the City.

Project Justification (Including Relationship to Strategic Goals, Comprehensive Plan, etc.):

Currently, the municipal fire alarm system provides service to properties worth over \$1 billion. In recent years, the City has experienced a greater number of outages due to the deterioration of the older components of the underground circuits. With the City reaching a critical stage in which it must start replacing these older components in order to maintain the reliability of the system, this project will provide a systematic budgetary program for this critical infrastructure's replacement.

Method for Estimating Cost:

Cost estimate based on 2009 boring cost required for a replacement of lines replaced in 2009 and the total known underground circuits in the system.

Project Status (As of January 1, 2010):

Undergrounding of McBee Avenue circuit wires has been completed.

Other Special Considerations (Future Expansion/Special Features/Etc.):

Each year, the City will expend the appropriated funds to refit direct buried fire alarm lines by one of the following methods:

1. If lines are damaged or go bad due to aging, they will be replaced and the cost deducted from the appropriated funds.
2. If no lines meet #1 above, the City will replace existing lines based on the lines with the most trouble and/or potential for future trouble.

PROJECT ITEMS	FUNDING TO-DATE	FY 10/11 COST	FY 11/12 COST	FY 12/13 COST	FY 13/14 COST	FY 14/15 COST	TOTAL PROJECT COST
Planning/Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Site Acquisition Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Improvements	\$100,000	\$50,000	\$50,000	\$50,000	\$0	\$0	\$250,000
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Management	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL PROJECT COST	\$100,000	\$50,000	\$50,000	\$50,000	\$0	\$0	\$250,000
PROJECT FUNDING SOURCES (LIST)	FUNDING TO-DATE	FY 10/11 EST. FUNDS	FY 11/12 EST. FUNDS	FY 12/13 EST. FUNDS	FY 13/14 EST. FUNDS	FY 14/15 EST. FUNDS	TOTAL PROJECT FUNDING
General Obligation Bond - 2003	\$50,000	\$0	\$0	\$0	\$0	\$0	\$50,000
Capital Projects Fund	\$50,000	\$50,000	\$50,000	\$50,000	\$0	\$0	\$200,000
TOTAL PROJECT FUNDING	\$100,000	\$50,000	\$50,000	\$50,000	\$0	\$0	\$250,000
OPERATIONAL COSTS							
Operating Impact		\$0	\$0	\$0	\$0	\$0	\$0
Cumulative Operating Impact		\$0	\$0	\$0	\$0	\$0	\$0
FTEs Added		0.00	0.00	0.00	0.00	0.00	0.00
Cumulative FTEs Added		0.00	0.00	0.00	0.00	0.00	0.00

DRILL TOWER REPLACEMENT

Department:	<u>FIRE</u>	Ranking:	<u>N/A</u>
Project Status:	<u>REVISION</u>	Strategic Goal:	<u>SAFE CITY</u>
Start/Finish Dates:	<u>MAR</u> 2010 <u>JUN</u> 2011	Comp. Plan Principle:	<u>CREATE A SAFE ENVIRONMENT</u>

Project Description:

This project will repair the fire training tower and live burn rooms at the Mauldin Road Fire Training Facility.

Project Justification (Including Relationship to Strategic Goals, Comprehensive Plan, etc.):

Training is critical to maintain an effective response capability for the Fire Department. The current training tower and live burn facility located on Mauldin Road have been in continuous use since 1973. Training fires, high-rise firefighting evolutions, rescue training, general training use, weather exposure, and time have caused the condition of this facility to deteriorate to the point that some areas are unsafe for use. This project will rehabilitate the tower and live burn rooms, and extend their useable life.

Method for Estimating Cost:

Engineer's estimate.

Project Status (As of January 1, 2010):

Review underway of modified approach to lengthen useable life of existing drill tower facilities.

Other Special Considerations (Future Expansion/Special Features/Etc.):

The project's scope has been changed to reflect rehabilitating the existing drill tower, instead of replacing it with a modular unit. This will allow the City to avoid a debt issuance.

PROJECT ITEMS	FUNDING TO-DATE	FY 10/11 COST	FY 11/12 COST	FY 12/13 COST	FY 13/14 COST	FY 14/15 COST	TOTAL PROJECT COST
Planning/Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Site Acquisition Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Improvements	\$650,000	(\$450,000)	\$0	\$0	\$0	\$0	\$200,000
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Management	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL PROJECT COST	\$650,000	(\$450,000)	\$0	\$0	\$0	\$0	\$200,000
PROJECT FUNDING SOURCES (LIST)	FUNDING TO-DATE	FY 10/11 EST. FUNDS	FY 11/12 EST. FUNDS	FY 12/13 EST. FUNDS	FY 13/14 EST. FUNDS	FY 14/15 EST. FUNDS	TOTAL PROJECT FUNDING
General Obligation Bond - 2010	\$650,000	(\$650,000)	\$0	\$0	\$0	\$0	\$0
Property Sales	\$0	\$200,000	\$0	\$0	\$0	\$0	\$200,000
TOTAL PROJECT FUNDING	\$650,000	(\$450,000)	\$0	\$0	\$0	\$0	\$200,000
OPERATIONAL COSTS							
Operating Impact		\$0	\$0	\$0	\$0	\$0	\$0
Cumulative Operating Impact		\$0	\$0	\$0	\$0	\$0	\$0
FTEs Added		0.00	0.00	0.00	0.00	0.00	0.00
Cumulative FTEs Added		0.00	0.00	0.00	0.00	0.00	0.00

